

REMARKS

Claims 1-5 and 7-23 are pending. Claim 1 is hereby amended.

Applicants request favorable reconsideration of the rejections set forth in the final Office Action dated September 6, 2006, in view of the amendments and remarks made herein.

The prior art cited by the Examiner does not teach or suggest the currently claimed invention.

In the present invention, “the alignment, material and thickness of the liquid crystal layer are set such that at the mid-point of the rotational twist, the direction of liquid crystal directors coincide with an off-normal viewing direction of the liquid crystal display when a voltage applied to the liquid crystal layer, and thereby the center of the viewing cone of maximal image contrast is used so that the center coincides with the view direction deviating from the normal of the display screen of the liquid crystal display”. The polarizer is provided on at least one of the front panel and rear panel further in order to achieve the maximum image contrast in the off-normal viewing direction of the liquid crystal display.

(1) The polarizer requires “the thin crystal film manufactured from the plurality of aromatic organic compounds” as constituent features because the polarizer having such a constitution has high anisotropy and exhibits high refractive indices and/or absorption coefficients in at least one direction.

(2) The polarizer requires “the interplanar distance of $3.4 \pm 0.3 \text{ \AA}$ of this thin crystal film in the direction of any optical axis” as constituent features because a mixing of different colloidal system with the formation of combined supramolecules is possible due to the coincidence of interplanar spacing of $3.4 \pm 0.3 \text{ \AA}$ in the plurality of aromatic organic compounds.

In the optically anisotropic dichroic crystal films obtained from mixed colloidal solutions, i.e., the polarizer, the absorption coefficient and the refractive index can take various values within a predetermined range. That is, the anisotropy of the absorption coefficients and the refractive indices, as well as the orientation of the principal axes can stably distribute molecules in the polarizing film at the substrate surface at a certain angle, and thereby the polarizing film has high polarization capability in the off-normal view direction.

For at least the foregoing reasons, the claimed invention distinguishes over the cited art and defines patentable subject matter. Favorable reconsideration is earnestly solicited.

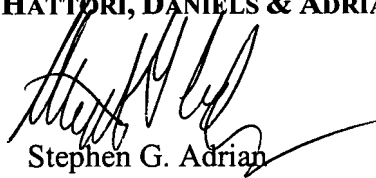
Should the Examiner deem that any further action by applicants would be desirable to place the application in condition for allowance, the Examiner is encouraged to telephone applicants' undersigned attorney.

Amendment
Application No. 10/613,328
Attorney Docket No. 071174

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

A handwritten signature in black ink, appearing to read "Stephen G. Adrian", is written over the printed name.

Stephen G. Adrian
Attorney for Applicants
Registration No. 32,878
Telephone: (202) 822-1100
Facsimile: (202) 822-1111

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